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10/707,013	11/14/2003	Hiroshi Sakamoto	KM-US030555	1012

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EXAMINER	
WHIPPLE, BRIAN P	

ART UNIT	PAPER NUMBER
2152	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/707,013

Applicant(s)

SAKAMOTO, HIROSHI

Examiner

Brian P. Whipple

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 and 5-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3 and 5-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-3 and 5-13 are pending in this application and presented for examination.

Response to Arguments

2. Applicant's arguments with respect to claims 1-3 and 5-13 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-3, 5, and 8-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rhoads et al. (Rhoads), U.S. Publication No. 2001/0032251 A1, in view of Zeugin, CH 686643 A5.

5. As to claim 1, Rhoads discloses a supplemental information dissemination system being configured to provide supplemental information on managed documents having unique identifying information printed thereon (Abstract), the supplemental information dissemination system comprising:

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a supplemental information management server being configured to store supplemental information on each document having identifying information associated with each document ([0016]; ln. 1-5; [0031], ln. 1-7; [0032], ln. 8-14); and

a supplemental information acquisition device having a display unit ([0028], ln. 1-6; [0032], ln. 1-6), the supplemental information acquisition device being configured to read identifying information for a document, and to acquire stored supplemental information on the document associated with the identifying information from the supplemental information management server ([0018], ln. 1-3; [0028], ln. 1-6; [0039], ln. 1-4; [0040], ln. 1-8),

the supplemental information management server being configured to allocate new identifying information to updated documents having changed contents ([0036]), to request or to allow updates to stored supplemental information associated with pre-update identifying information ([0036]), and to indicate use of the supplemental information acquisition device of a pre-updated document ([0039], ln. 1-4; [0040], ln. 1-8) having contents printed thereon being different from changed contents ([0045]; the contact information is dynamic and therefore will differ from the originally printed contact information at various points in time) and existence of updated documents ([0045]),

the supplemental information acquisition device being configured to indicate on the display unit use of the pre-updated document ([0028], ln. 1-6; [0039], ln. 1-4; [0040], ln. 1-8) having the contents printed thereon being different from the changed contents ([0045]) and existence of the updated documents ([0028], ln. 1-6; [0045]).

Rhoads is silent on the updated documents having the changed contents printed thereon. Although, it may be interpreted that a new business card may be printed at any point in time as desired by the distributor of said card. A new business card would likely be printed with the most up-to-date contents. But Rhoads does not disclose as much explicitly.

However, Zeugin discloses the updated documents having the changed contents printed thereon (Abstract).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Rhoads by the updated documents having the changed contents printed thereon as taught by Zeugin in order to scan a document, as it is being printed, to verify that the new or updated data is present on the document (Zeugin: Abstract).

6. As to claim 2, Rhoads and Zeugin disclose the invention substantially as in parent claim 1, including the supplemental information management server and the supplemental information acquisition device are connected to each other via a network (Rhoads: [0027], ln. 2-5).

7. As to claim 3, Rhoads and Zeugin disclose the invention substantially as in parent claim 2, including a print device that both prints documents and prints encoded identifying information on the documents (Rhoads: [0033], ln. 6-8; [0034], ln 1-4 and 9-16).

8. As to claim 5, Rhoads and Zeugin disclose the invention substantially as in parent claim 1, including when the contents of managed documents have been updated, the supplemental information management server both allocates new identifying information to updated documents, and automatically updates stored supplemental information associated with pre-update identifying information (Rhoads: [0036]).

9. As to claim 8, Rhoads and Zeugin disclose the invention substantially as in parent claim 3, including the print device prints encoded identifying information allocated to a document, an encoded network address of the supplementary information management server, and encoded information on the location of the supplementary information on the document (Rhoads: [0033], ln. 6-8; [0039], ln. 9-20; [0040], ln. 1-8).

10. As to claim 9, Rhoads and Zeugin disclose the invention substantially as in parent claim 3, including the print device prints the identifying information as a bar code (Rhoads: [0073], ln. 1-5).

11. As to claim 10, Rhoads and Zeugin disclose the invention substantially as in parent claim 1, including the supplemental information acquisition device comprises a reading unit that reads the identifying information printed on a document, and a display unit that presents supplemental information based upon the identifying information read

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by the reading unit and acquired from the supplemental information management server to a user in the form of text or sound (Rhoads: [0018], ln. 1-3; [0028], ln. 1-6; [0031], ln. 1-7; [0039], ln. 1-4; [0040], ln. 1-8 and 26-32).

12. As to claim 11, Rhoads and Zeugin disclose the invention substantially as in parent claim 1, including the supplemental information acquisition device is a bar code reader comprised of a wireless communication module (Rhoads: [0027], ln. 2-5; [0029], ln. 1-5; [0073], ln. 1-5).

13. As to claim 12, Rhoads and Zeugin disclose the invention substantially as in parent claim 1, including the supplemental information acquisition device is a copying machine comprised of a network interface and a scanner, and extracts encoded identifying information from document image data read by the scanner (Rhoads: [0027], ln. 2-5; [0028], ln. 1-6; [0029], ln. 1-5).

14. As to claim 13, Rhoads and Zeugin disclose the invention substantially as in parent claim 1, including the supplemental information acquisition device is a portable telephone comprised of a camera, and extracts encoded identifying information from document image data photographed by the camera (Rhoads: [0029], ln. 1-10).

15. Claims 6-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rhoads and Zeugin as applied to claim 1 above, in view of Bowman-Amuah, U.S. Patent No. 6,289,382 B1.

16. As to claim 6, Rhoads and Zeugin disclose the invention substantially as in parent claim 1, including the concept of removing association between a company and a former employee (Rhoads: [0050], In. 15-17), but are silent on when a managed document has been deleted, the supplemental information management server requests or allows the stored supplemental information associated with identifying information for the deleted document to be updated.

However, Bowman-Amuah does disclose when a managed document has been deleted, the supplemental information management server requests or allows the stored supplemental information associated with identifying information for the deleted document to be updated (Col. 53, In. 41-47).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Rhoads and Zeugin by updating supplemental information associated with identifying information for a deleted document as taught by Bowman-Amuah in order to ensure the user is provided the most recent information available on deleted documents (Bowman-Amuah: Col. 53, In. 44-47).

17. As to claim 7, Rhoads and Zeugin disclose the invention substantially as in parent claim 1, including the concept of removing association between a company and

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a former employee (Rhoads: [0050], ln. 15-17), but are silent on when a managed document has been deleted, the supplemental information management server automatically updates the stored supplemental information associated with identifying information for the deleted document.

However, Bowman-Amuah does disclose when a managed document has been deleted, the supplemental information management server automatically updates the stored supplemental information associated with identifying information for the deleted document (Col. 53, ln. 41-47).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Rhoads by automatically updating supplemental information associated with identifying information for a deleted document as taught by Bowman-Amuah in order to ensure the user is provided the most recent information available on deleted documents without the need for manual intervention (Bowman-Amuah, Col. 53, ln. 44-47).

Conclusion

18. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See the Notice of References Cited (PTO-892).

19. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian P. Whipple whose telephone number is (571) 270-1244. The examiner can normally be reached on Mon-Fri (8:30 AM to 5:00 PM EST).

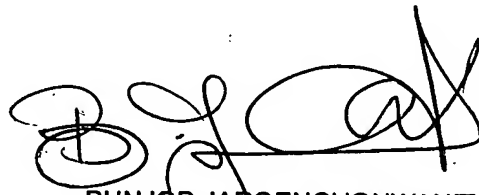
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on (571) 272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BPW

Brian P. Whipple
9/24/07



BUNJOB JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER

9/24/7